



Immigration, Refugees
and Citizenship Canada

Immigration, Réfugiés
et Citoyenneté Canada

Associate Assistant
Deputy Minister
Strategic and Program
Policy

Sous-ministre
adjoint délégué
Politiques stratégiques
et de programmes

Ottawa K1A 1L1

F-1087259

MEMORANDUM TO THE DEPUTY MINISTER AND THE ASSOCIATE DEPUTY MINISTER

THE DIGITAL TRAVEL CREDENTIAL: UPDATE ON PILOT PROJECT

FOR INFORMATION

SUMMARY

- The purpose of this memorandum is to update you on work underway with the Canada Border Services Agency, Transport Canada and Canadian aviation industry partners to implement a Digital Travel Credential (DTC) pilot project
- A DTC is a digital copy of data found on the ePassport chip, (biographic, facial image, and embedded security features), which can be digitally submitted to authorities in lieu of physically presenting a passport, thus revolutionizing traveller screening/processing.
- Following three Government of Canada and air industry workshops supported by Admissibility Branch, efforts are underway to finalize a DTC pilot concept of operations, which may include an The pilot will test the
creation of a DTC and its use in the air continuum, including its support of simplified border processing (“keep your passport in your pocket”).
- The Department is also engaging to explore how the DTC

BACKGROUND:

- The International Civil Aviation Organization (ICAO) develops specifications for travel documents to assist member states in adopting globally interoperable passport and border management regimes. Admissibility leads Canada’s engagement with ICAO on passport matters, supporting the Passport Program and Canada’s broader travel facilitation agenda.
- Over 140 ICAO member states currently issue ePassports, which include a chip containing biographic information (name, date of birth, passport number, etc.), the facial image, and security features. Using ICAO’s Public Key Directory (PKD), these security features confirm the authenticity of an ePassport (i.e. the document is genuine and has not been altered).

- In July 2020, ICAO is expected to adopt specifications for a DTC, a digital copy of the ePassport chip that can be “derived” from the physical book itself using either a smartphone application or a kiosk. When submitted to authorities, the DTC allows for remote passport verification and provides a trusted facial image to support biometric screening and identity confirmation of the bearer. See Annex A for graphic.
- Admissibility Branch has contributed heavily to ICAO’s efforts in developing the DTC.
-

CURRENT STATUS:

- The Department has supported three workshops aimed at developing the pilot’s concept of operations – a Government of Canada workshop in Ottawa (May 2019) and two government/air industry meetings held in Calgary (September 2019) and Vancouver (December 2019). Funding for these events was drawn from
by Admissibility in fiscal year 2019-2020 to support the DTC pilot.
-
-
-
- The Department’s role in the pilot is to provide technical advice on the ePassport and ICAO’s DTC as well as to lead legal analysis in collaboration with the CBSA, Transport Canada and Public Safety Canada on how the DTC fulfils transporter obligations. While no operational or IT contributions are anticipated, both Operations and Transformation and Digital Services Strategy sector partners are engaged with Admissibility Branch in pilot planning.

CONSIDERATIONS:

-

-

-

Leveraging Canada's investments in the ePassport and facilitating the international travel of Canadian passport holders are ongoing objectives of this engagement.

NEXT STEPS:

- The Department will continue to work with partners to refine the DTC pilot concept of operations and related legal analysis, and report regularly on the status of pilot implementation.



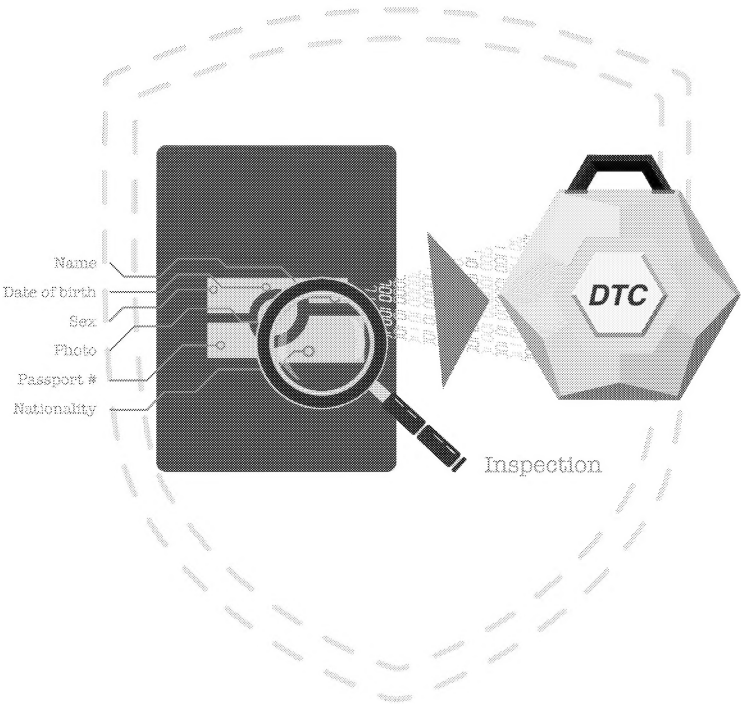
Natasha Kim

Annexes (2):

A: DTC Info Graphic

B: DTC Pilot: What Do We Want to Test?

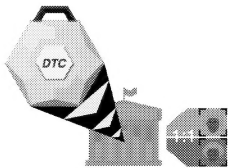
What's in a Digital Travel Credential?



Benefits of DTC for visitor program transformation and facilitation




Pushing the border out



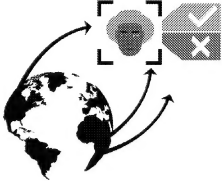
Biometric passenger pre screening




Enhancing data integrity and quality



Improving the application experience



Expanding remote identity management



Seamless arrival into the country

Page 5

**is withheld pursuant to sections
est retenue en vertu des articles**

21(1)(b), 16(1)(c), 16(2)

**of the Access to Information Act
de la Loi sur l'accès à l'information**